

THE CLAIMS

Claim 1 (currently amended): A forming assembly for producing a vertically disposed poured-in-place wall structure, said assembly comprising:

a) wall molding means for forming laterally spaced, opposed molding surfaces that define a wall mold cavity for forming said wall structure,

A) b) said wall molding means including panel holding means for vertically disposing laterally spaced wall forming panels to provide said molding surfaces along opposed sides of said wall mold cavity,

c) said cavity having an upwardly directed top opening into which hardenable material is to be poured and hardened to produce said wall structure within said wall mold cavity,

d) reinforcement rod suspending means including a plurality of grid elements that extend vertically along the vertically disposed molding surfaces with each element having rod locating means for freely positioning and retaining horizontally and freely disposed reinforcement rod means at a plurality of preselected vertical locations and at a preselected horizontal location spaced inwardly from each said opposed molding surface within said mold cavity, and

e) means for attaching said rod suspending means to said opposed wall forming panels for locating said horizontally disposed rod means at spaced preselected vertical locations between said spaced molding surfaces,

f) said rod suspending means being effective to retain said reinforcement rod means in place at said preselected horizontal and vertical locations while said hardenable material is being poured into and allowed to harden within said mold cavity.

Claim 2 (cancelled): A forming assembly as defined in claim 1 wherein

said rod suspending means includes grid means that extends vertically along the vertically disposed molding surfaces.

Claim 3 (currently amended): A forming assembly as defined in claim 2 1 wherein

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each said grid ~~means~~ element is sufficiently rigid to project outwardly from a vertically disposed molding surface and to horizontally suspend the reinforcement rod means when said grid ~~means~~ element is attached to said vertically disposed molding surface.

Claim 4 (original) A forming assembly as defined in claim 1 wherein

said wall forming panels are portable for removable vertical disposition to form said wall mold cavity, and

said panel holding means is effective to maintain said wall forming panels independently with respect to each other in said vertical disposition.

Claim 5 (currently amended): A forming assembly as defined in claim 1 wherein

said ~~rod suspending means includes~~ a plurality of vertically disposed ~~retaining means~~ grid elements are spaced horizontally with respect to each other along said opposed spaced molding surfaces,

said reinforcement rod means includes a plurality of rod elements being horizontally disposed across said plurality of grid ~~means~~ element, and

said rod elements extend substantially parallel to the molding surfaces and are laterally spaced with respect to each other between said molding surfaces.

Claim 6 (currently amended): A forming assembly ~~as defined in claim 1 wherein~~ for producing a vertically disposed poured-in-place wall structure, said assembly comprising:

a) wall molding means for forming laterally spaced, opposed molding surfaces that define a wall mold cavity for forming said wall structure,

b) said wall molding means including panel holding means for vertically disposing laterally spaced wall forming panels to provide said molding surfaces along opposed sides of said wall mold cavity,

c) said cavity having an upwardly directed top opening into which hardenable material is to be poured and hardened to produce said wall structure within said wall mold cavity,

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d) reinforcement rod suspending means for freely positioning and retaining horizontally and freely disposed reinforcement rod means at a preselected horizontal location spaced inwardly from each said opposed molding surface within said mold cavity, and

e) means for attaching said rod suspending means to said opposed wall forming panels for locating said horizontally disposed rod means at spaced preselected vertical locations between said spaced molding surfaces,

f) said rod suspending means being effective to retain said reinforcement rod means in place at said preselected horizontal and vertical locations while said hardenable material is being poured into and allowed to harden within said mold cavity,

g) said rod suspending means includes including a plurality of grid elements that extend vertically along the vertically disposed molding surfaces and between the opposed molding surfaces, and

h) each grid element includes including a plurality of tie members horizontally disposed at spaced preselected vertical locations, and

i) said grid elements include including rod locating means for maintaining said

reinforcement rod means at said vertical locations and horizontally spaced inwardly from each said opposed molding surface while hardenable material is being poured into said mold cavity.

Claim 7 (original): A forming assembly as defined in claim 6 wherein

said rod locating means includes a pair of elongated parallel grid members fixedly extending across said plurality of vertically spaced tie members at each horizontal location between said molding surfaces to freely retain a reinforcement rod that extends horizontally across the plurality of vertically disposed grid elements.

Claim 8 (currently amended) A forming assembly ~~as defined in claim 1~~ wherein for producing a vertically disposed poured-in-place wall structure, said assembly comprising:

- a) wall molding means for forming laterally spaced, opposed molding surfaces that define a wall mold cavity for forming said wall structure,
- b) said wall molding means including panel holding means for vertically disposing laterally spaced wall forming panels to provide said molding surfaces along opposed sides of said wall mold cavity,
- c) said cavity having an upwardly directed top opening into which hardenable material is to be poured and hardened to produce said wall structure within said wall mold cavity,
- d) reinforcement rod suspending means for freely positioning and retaining horizontally and freely disposed reinforcement rod means at a preselected horizontal location spaced inwardly from each said opposed molding surface within said mold cavity, and
- e) means for attaching said rod suspending means to said opposed wall forming panels for locating said horizontally disposed rod means at spaced preselected vertical locations between said spaced molding surfaces,

f) said rod suspending means being effective to retain said reinforcement rod means in place at said preselected horizontal and vertical locations while said hardenable material is being poured into and allowed to harden within said mold cavity.

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h) said reinforcement rod means includes including at least two elongate rod members each freely positioned horizontally at a spaced inward distance from the opposed molding surfaces and at a spaced outward distance from a centerline located between said opposed molding surfaces.
